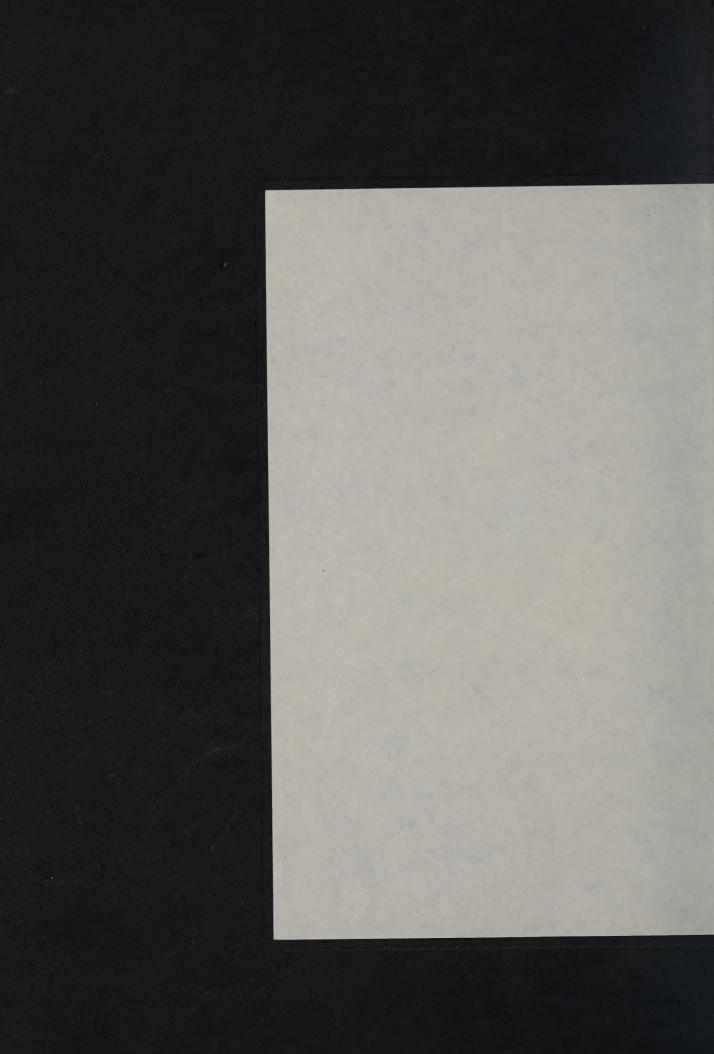
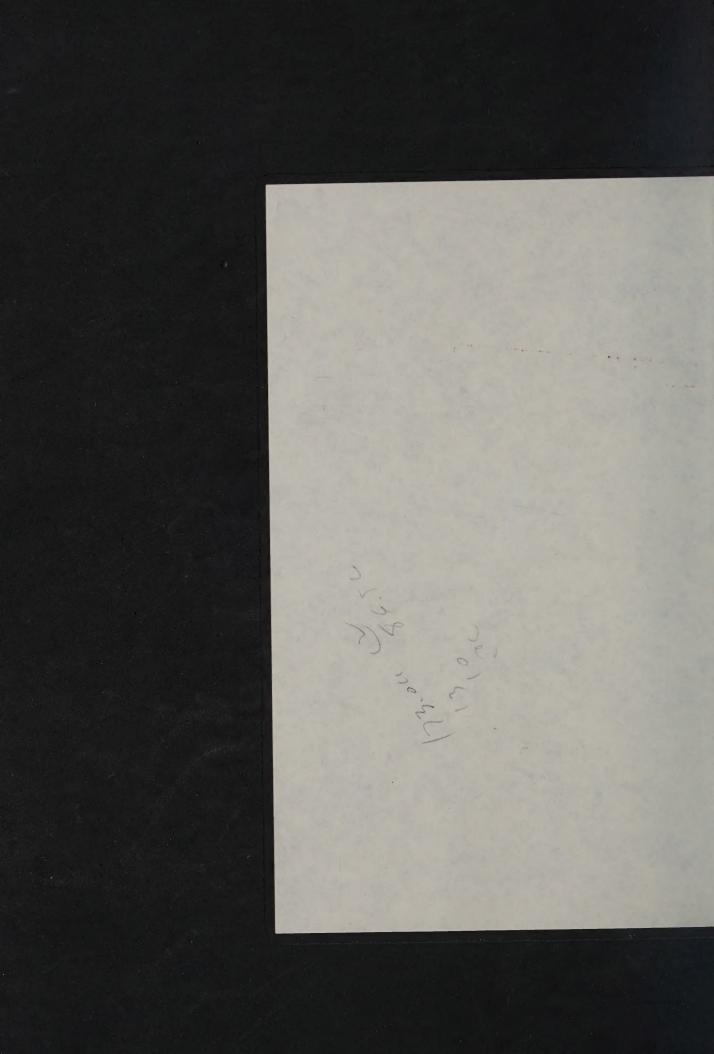




050-173.04 INPUT TO END COUNT. 11.074 10.687 70,74/500 27.15 11.091 769.84 694n/50 769.800 769 392



3 HR + 10% - 0 3 HR = 180 mid 180 min = 10800 SEC. + 10%0 = 1/080,00 1080 11880 560 10800 +540 = 11340 e, 2, 11880 - 11340 - 10800 (11355) 11340 .05 56700 11340 567 4407



$$3 HR = 180$$

$$180MIH. = 108005.$$

$$+10% = \frac{1080}{118804}$$

$$5% = 1080 = 540$$

$$EENTER = 10800 + 540 = 31340$$

$$11340 = 2.5\% = 283.5$$

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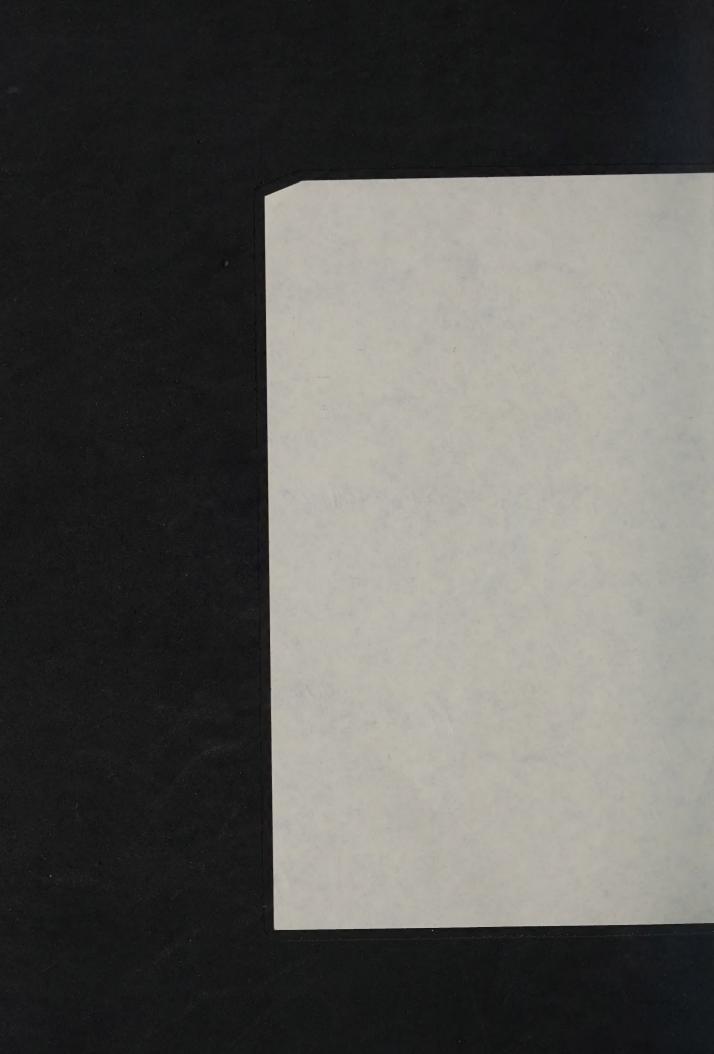
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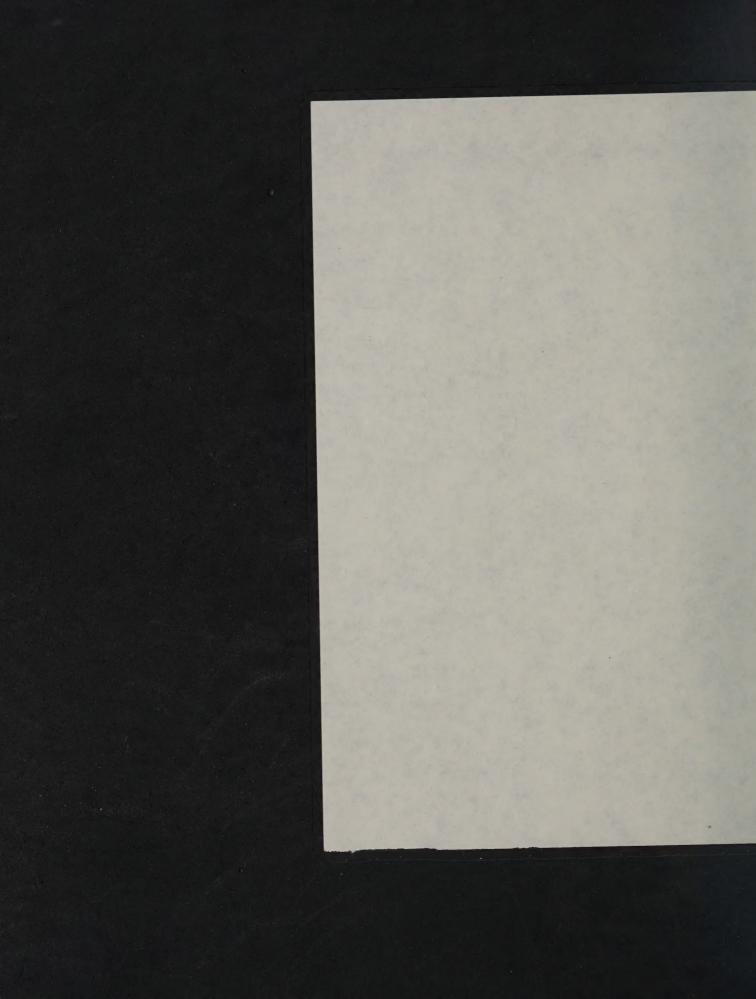


PIN > OUT S/B 11.0>4 7504 + 28.74 18011 = = 11.053 7504 + 28.7% 7504 + 26.14 0350

11353,2 560. 1 # MOSTILON

11880 SEC. 34R +10% 11340 SEC. 34R +5% 10800 SEC. 34R.

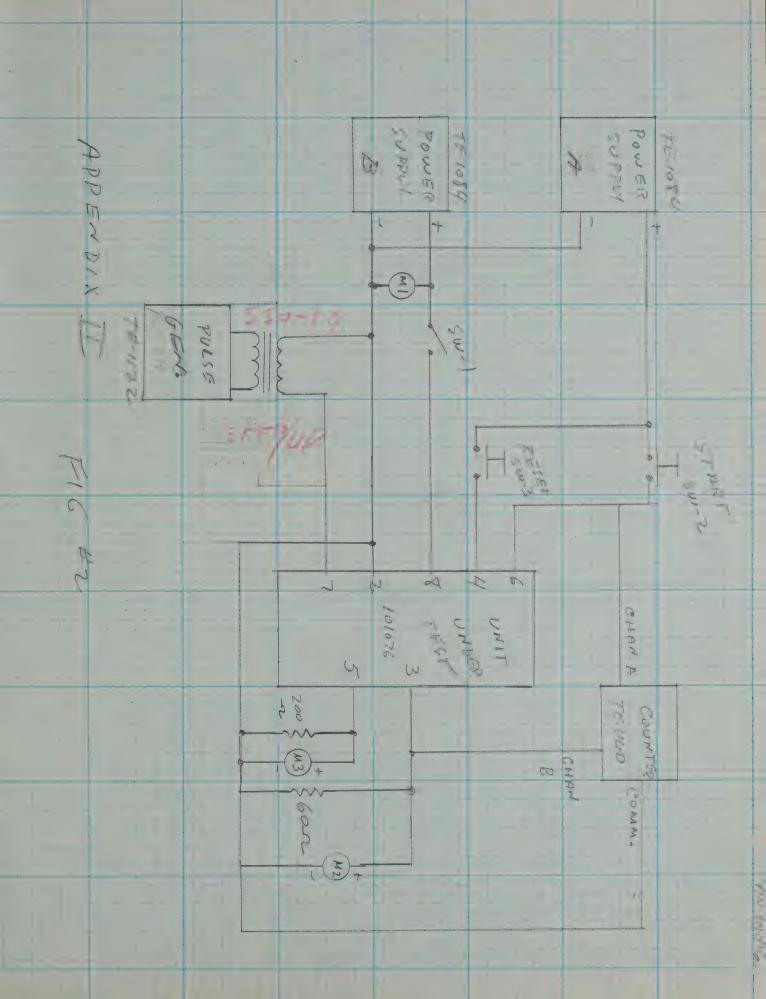
RAJGE



HI POT 1115. 1255. OUTRUT AT PIN/ 7- AT 5,5 7.5 VDC 11.074 ± 2,590 AT PINT.

INSECT POSITIVE EVOSE OF TOUR PW 50-cci. 1912 15.86 MS 15.00. PNB OLESA 10 POSTEIDAS DE SUITON POSIT. 41 3 Sed 1710 2 2 ... 6 14 3 - ETC. ETC. CHECK START & BESET INDUTS AT 5 VDC =012 11114 11. 14 X. TOHECK VOLTAGE DROP FROM PINTS TO PIN 3 WITH 100 MA AT SITE CHECK V. DROP FROM PING TO FINGS WITH 30 MAX AT 5.57- .5 VERNEX POWER OUM DOM DE 1001 BERORE IMA KAR TEL ALTER TIME OUT 150 MA 1859 W. 60M2 NT 7051 DISCONT INPOT TO THE PORT OF T START STER TIMING IN TOWN Sol ! HILL CHECH 3 HR I 2.5 % Tements





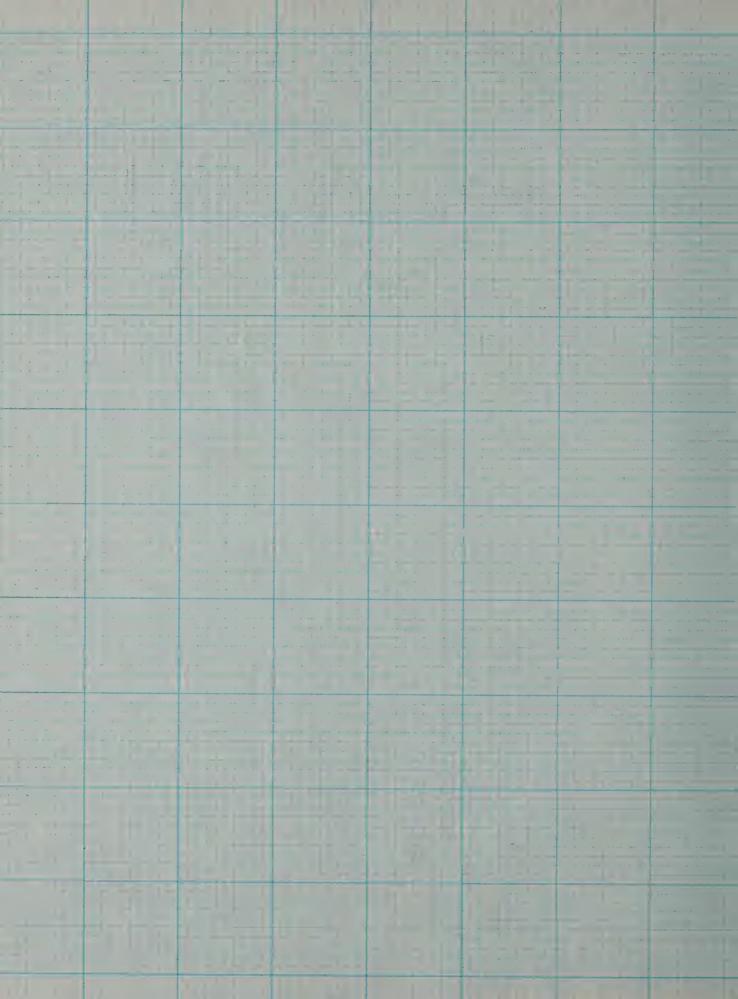


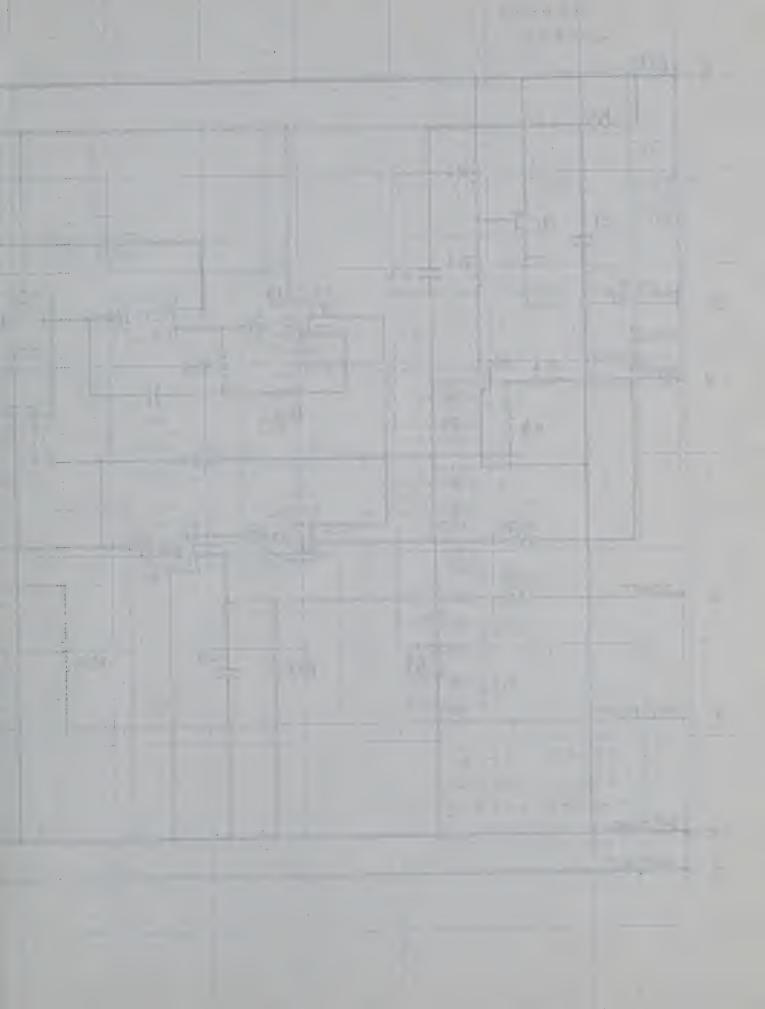
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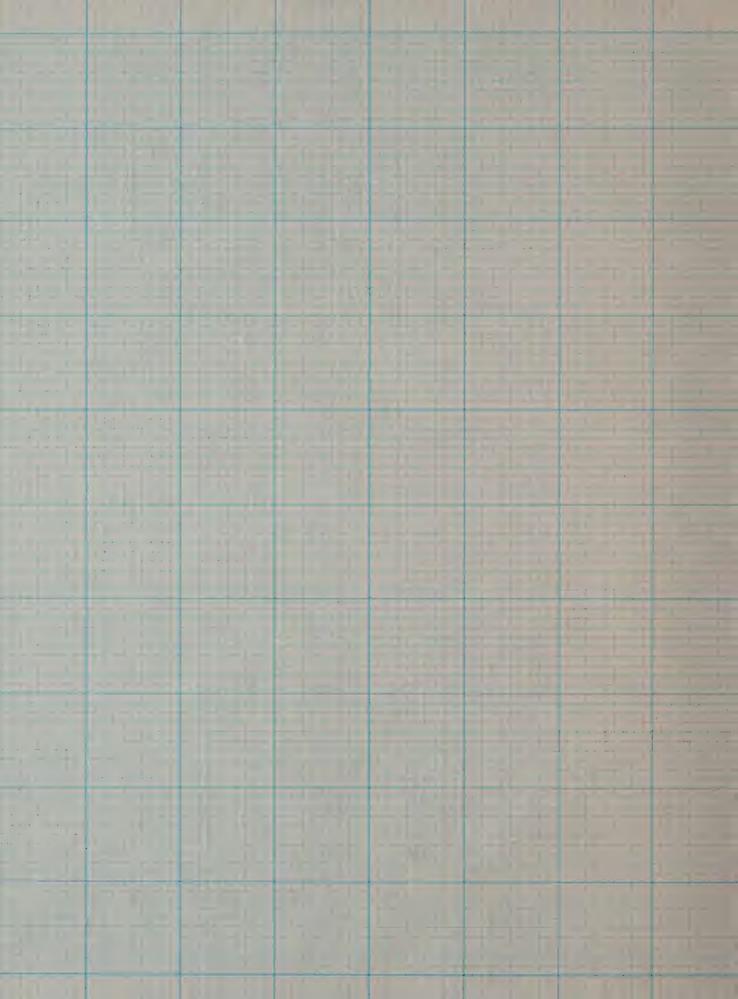
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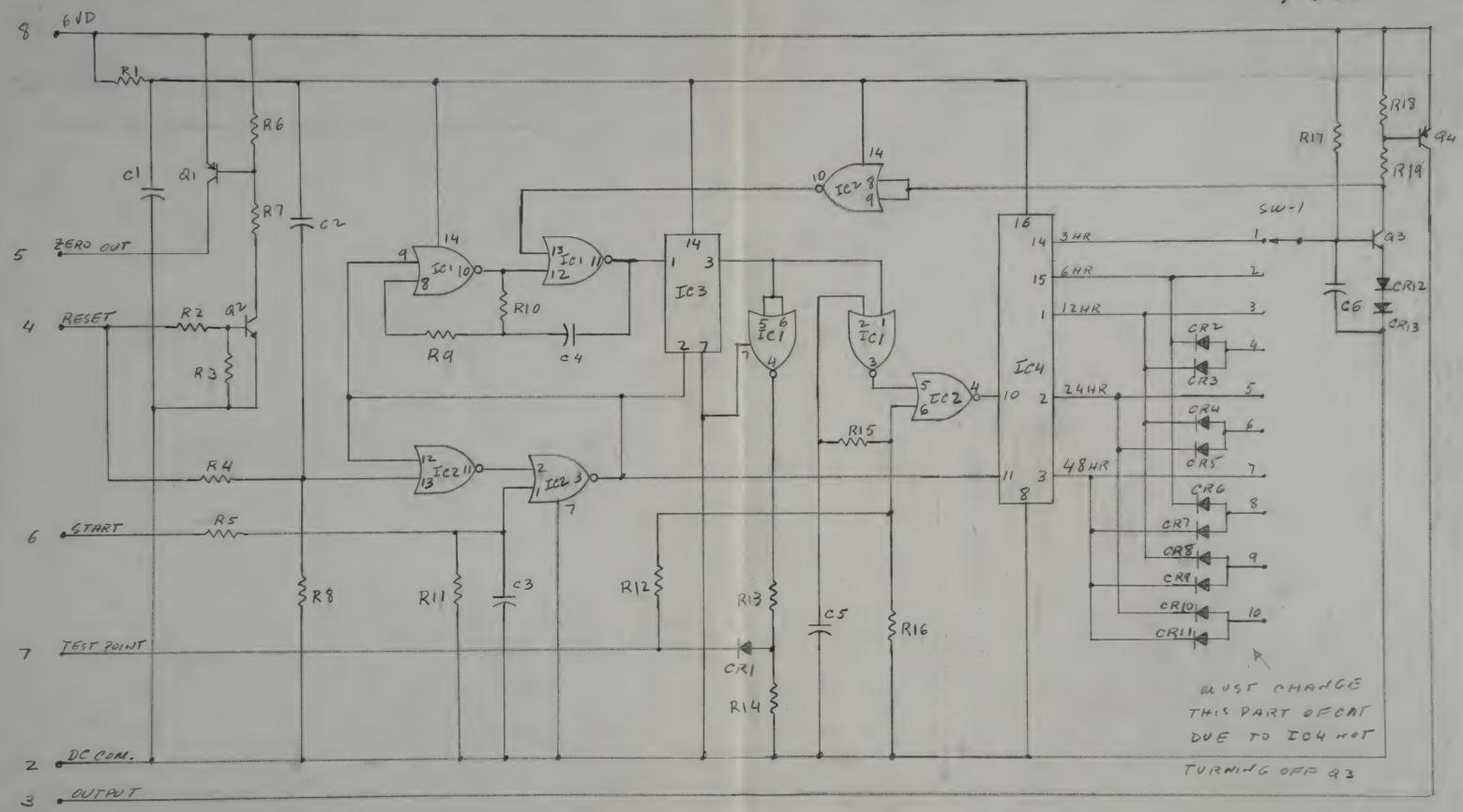


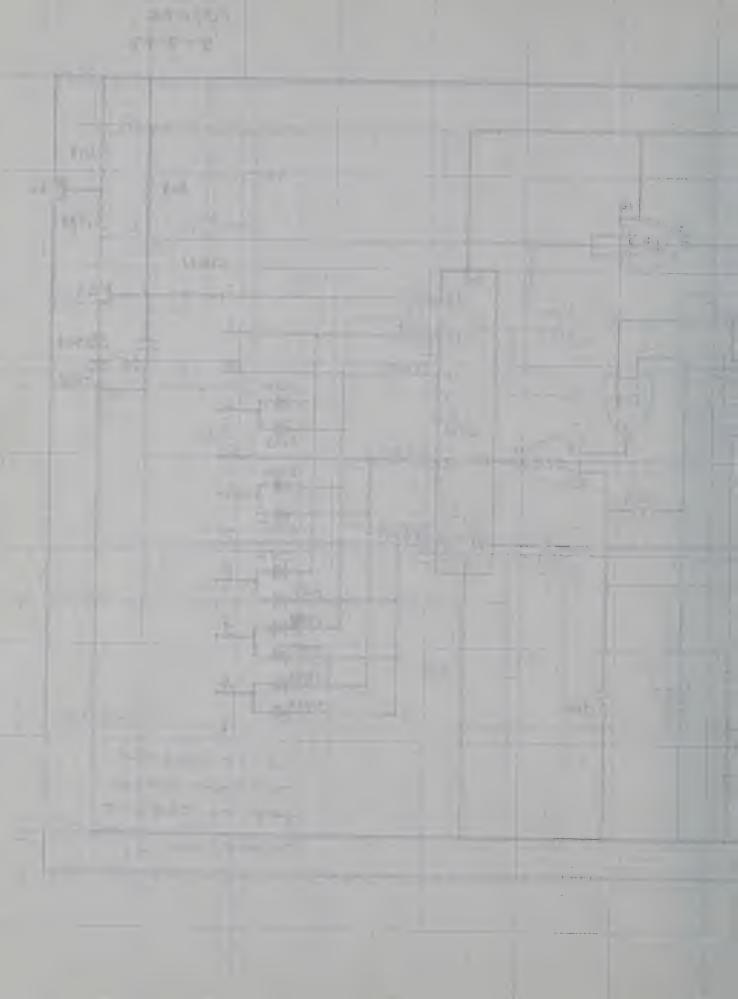
Sames + できるでで E-1054 大大 500 TE-1140 TER CHAM. B Con. CHAN. A RESET SW-3 100-2 N X 9 2010163 70227 U 2002

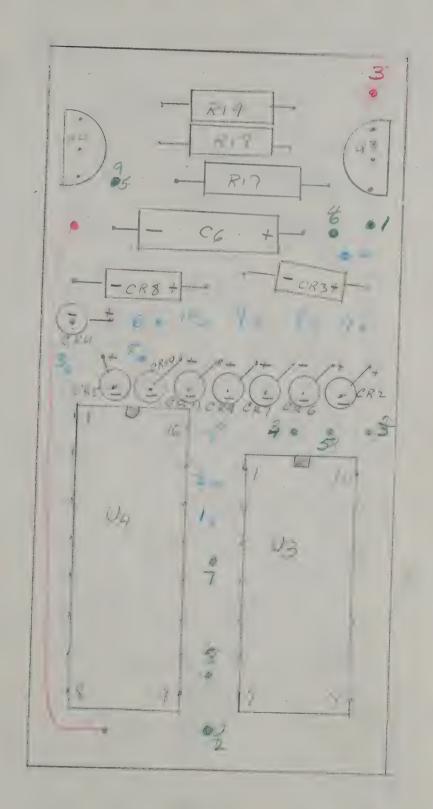




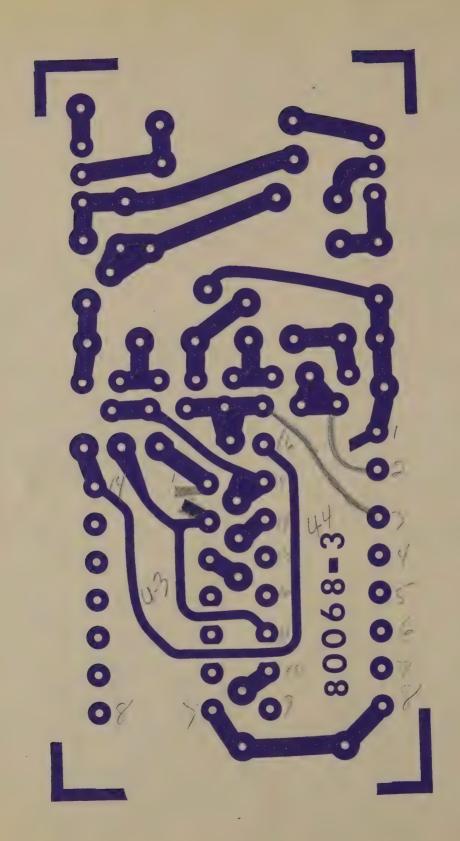








- INTERCOOL.
WECTHE



Intercours " Wires

#1=1.7" = lee luss.

2= 1.2

3 = 1.1

4 = 1.350

= 5 - 1,350

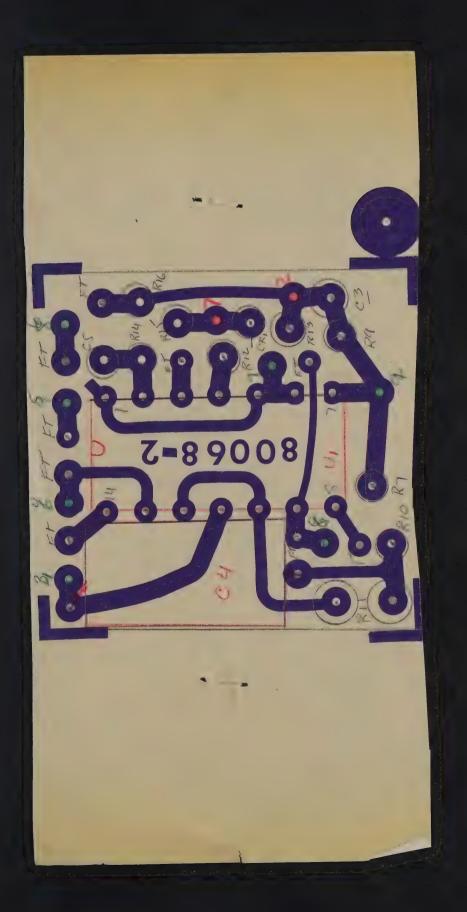
6 = 1.4

#7 = 9

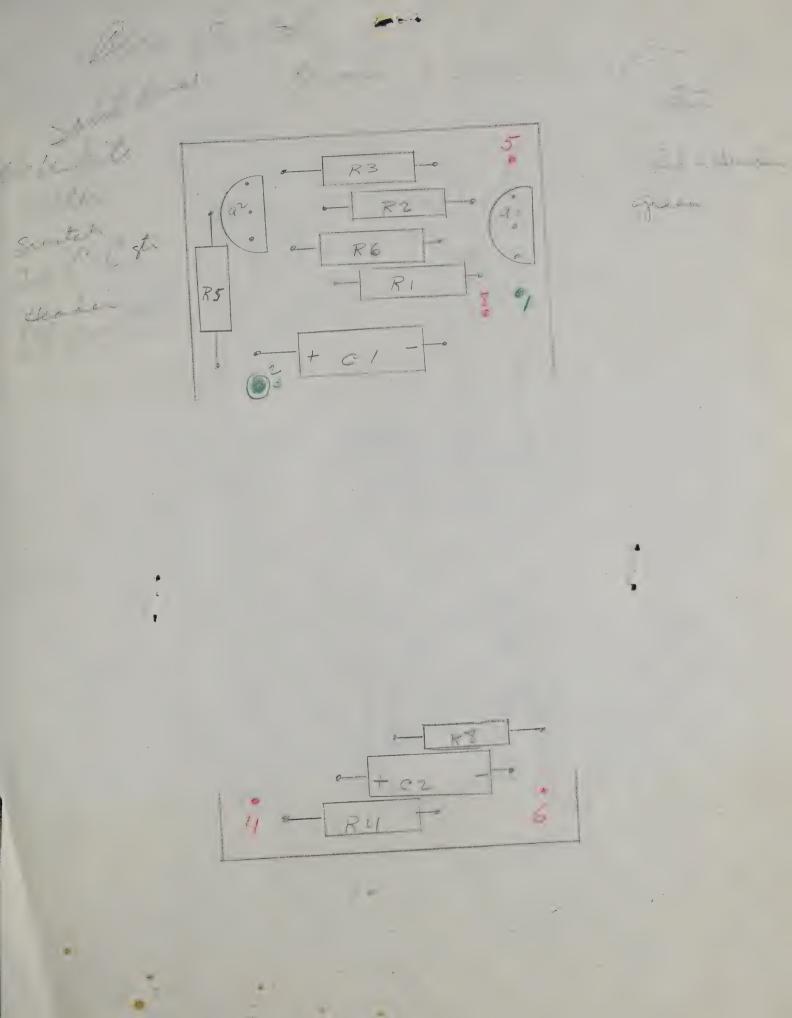
#8 = 1.450

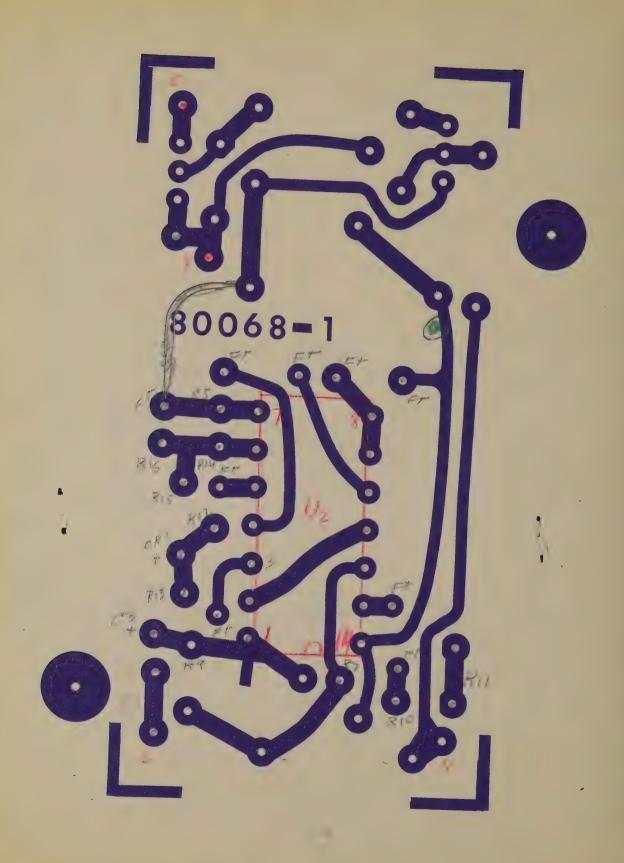
+ 9 = 9

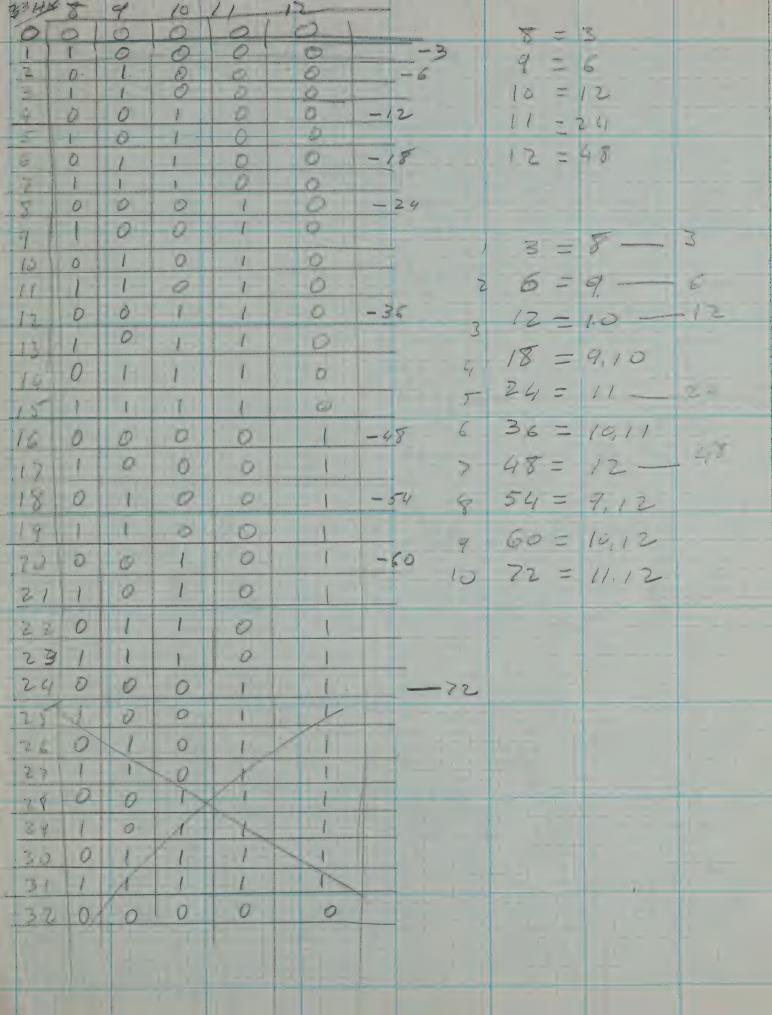


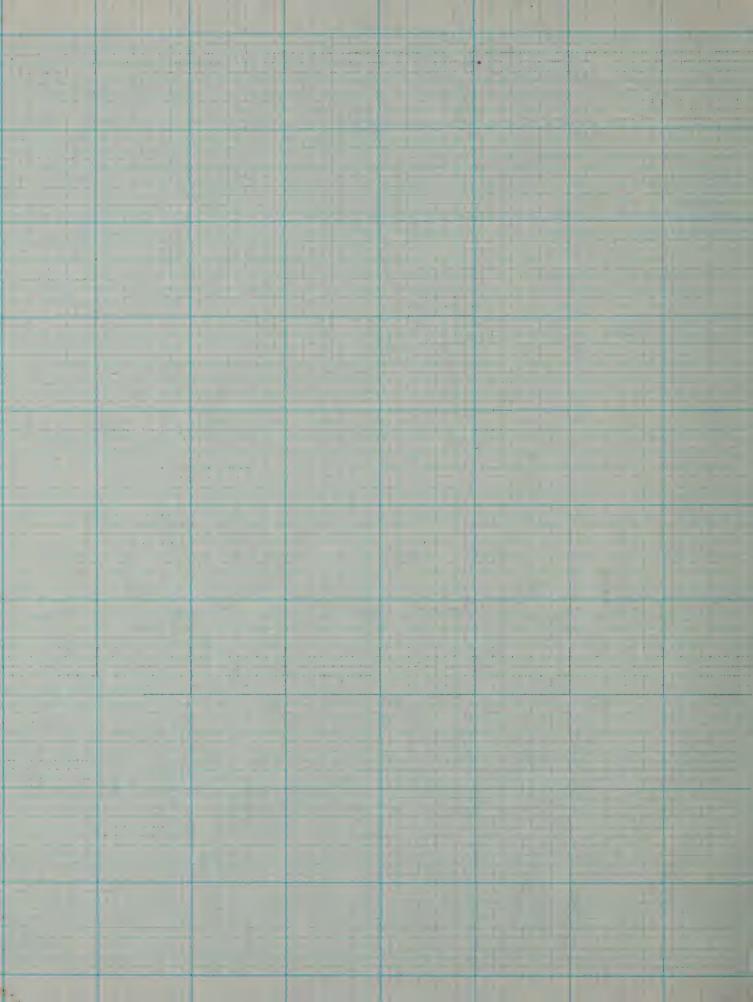


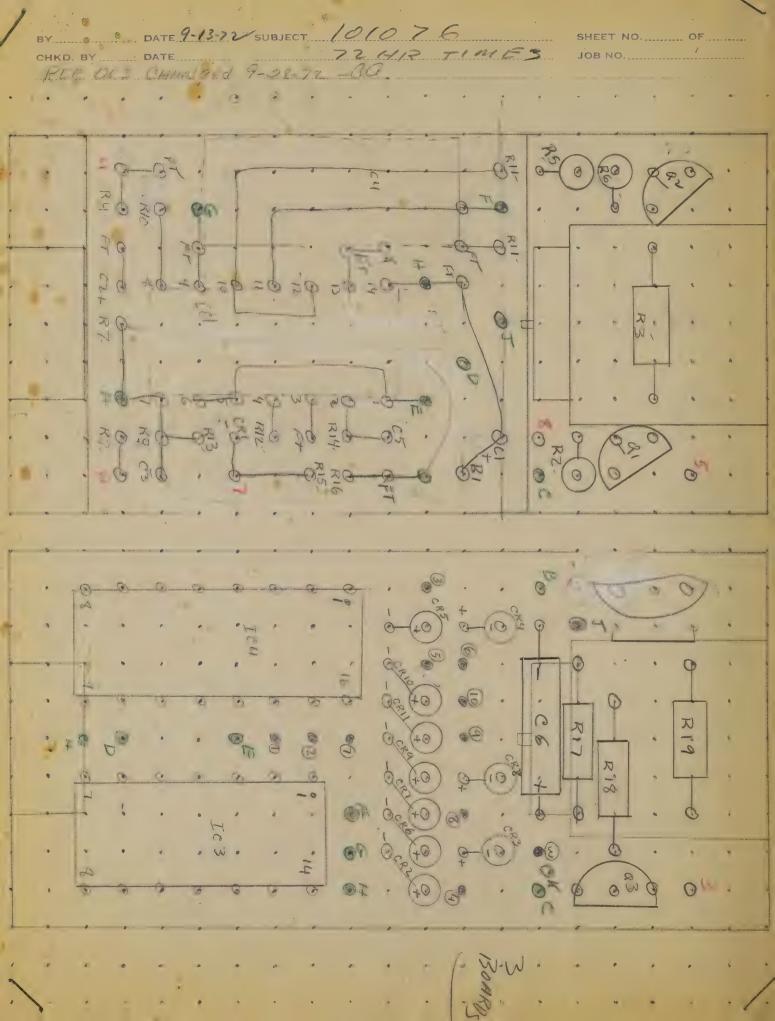




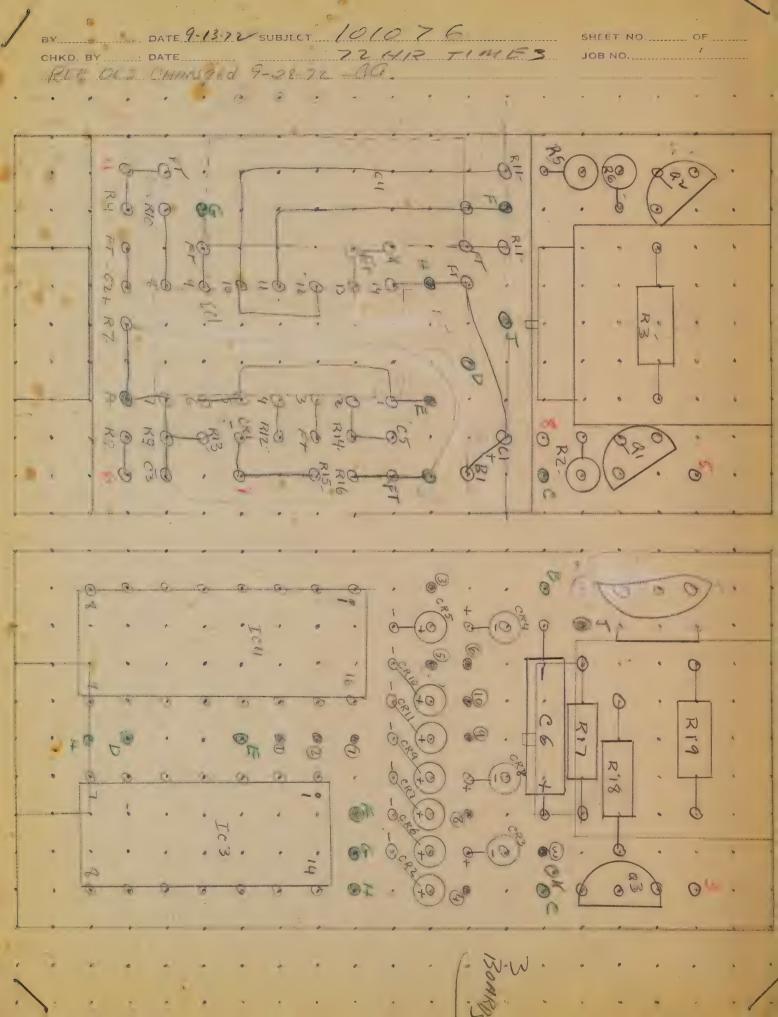


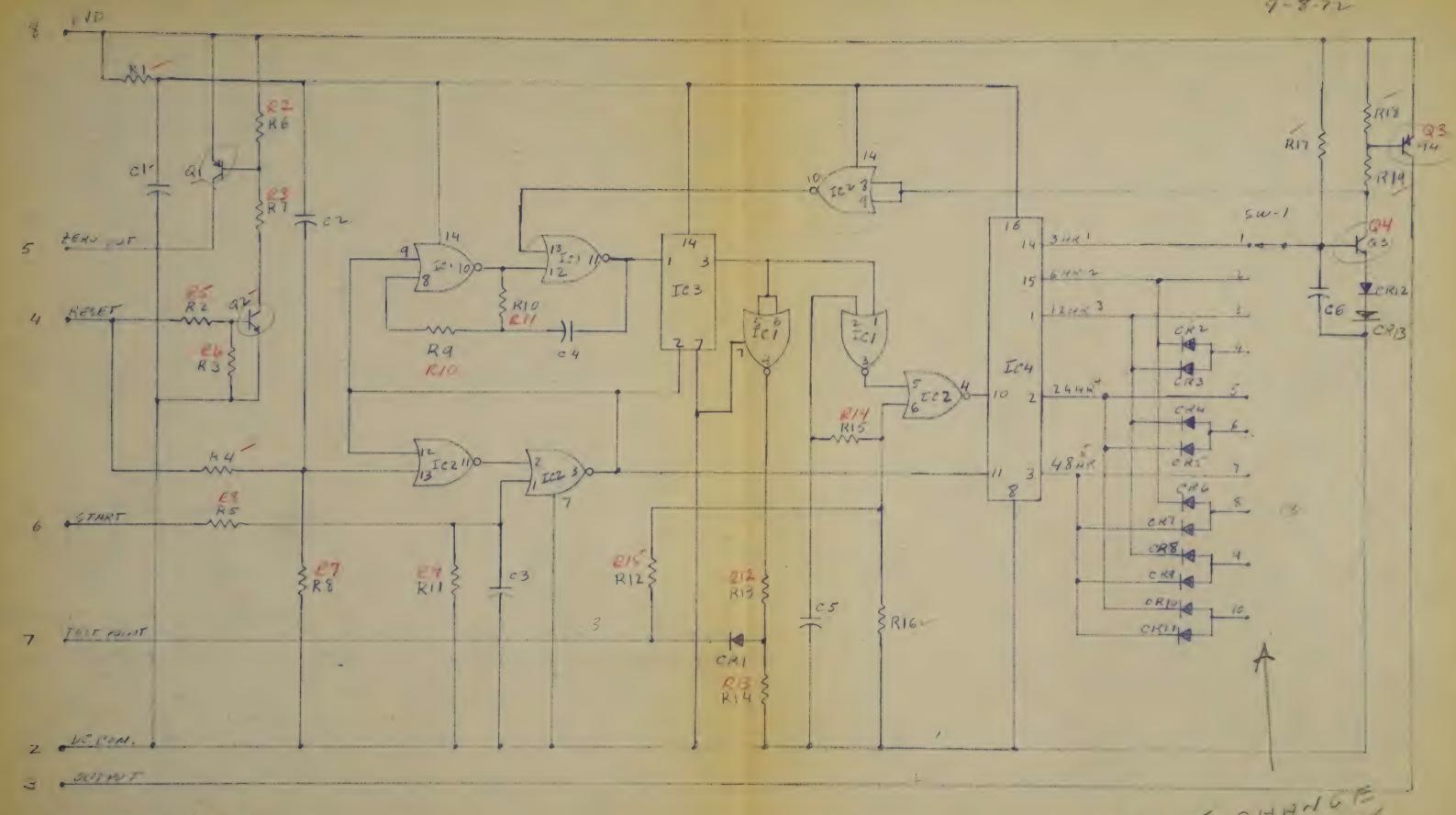








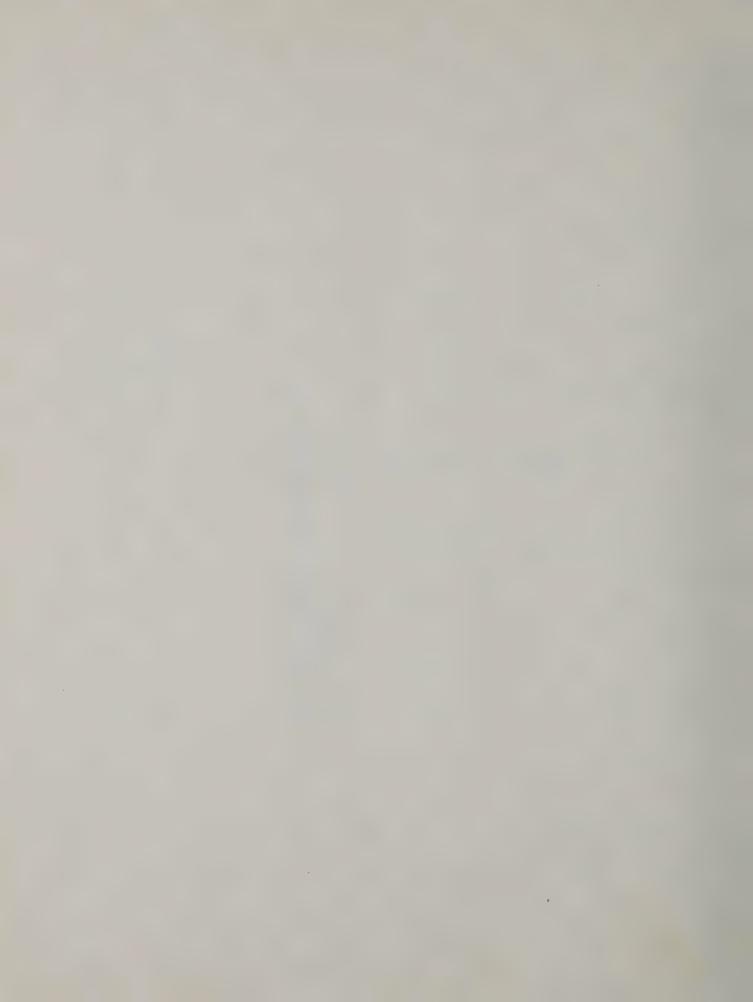




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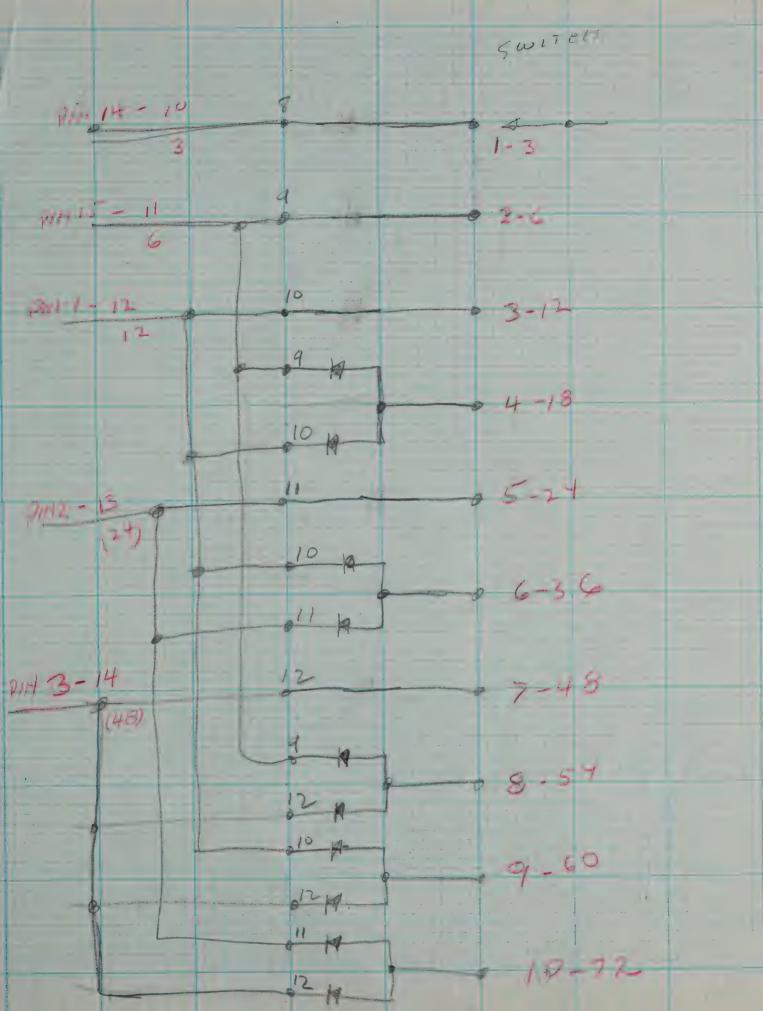
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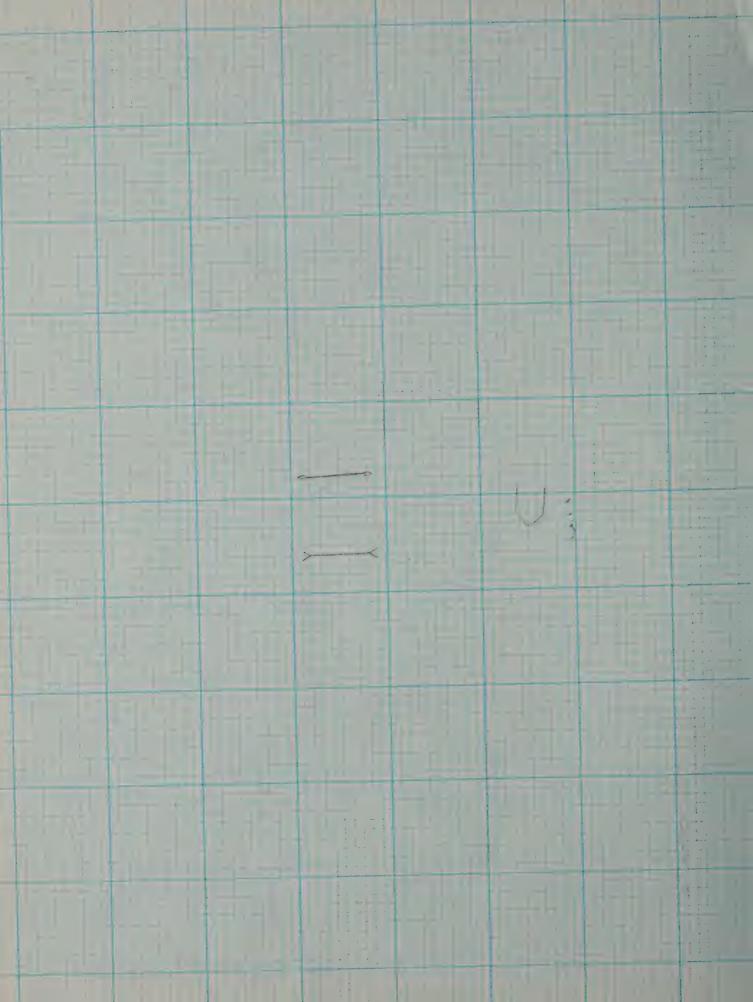
MUST CHANTER)
THIS THRE



1-72 101076 PARTS 6157 RI- 100~ - P: 27 - LX RZ- 3,34 RC07 IC1 - CD 4001 AE R3- 3,31- Re=7 IC7 - CD 400145 34-2124- RUST - CD 4024AE T.C3 X R5- 104 - Reut IC4 - CD 4020 AE X R64 3,34 - RC07 21 - MPS 6534 1 R7 - 221 - 12007 92 MPS 3373 XR7/ 2124 - PET 23 - MPS 6534 10 RUL 2211 - 18007 1X 94 MPS 3343 RIIRIOK 15M - 2007 R11- 228 RNSOD RES. CR1 - IN 4148 - TIMING- 2750A C172 -1 ml by 1 by 8 12 4148 C 173-1X R12 - 474 - Reu7 12148 CR41-1XE R13-221 1007 144148 CO121-2 1 14 10 M . R 27 1~ 4148 CR6 -EX RIS- 10011 - 1207 11 4148 CR7 -CR8 - 12 41148 R16- 4174- 3007 C129- 1-1-4128 R17 - 184 - Reu? 11/4/8 CR10-R18- 1184- 8847 CR11 - 12 4148 R19- 2000 - 100 C1212 - 14 4148 1 4 4148 51-1-5/530-01-1-100 017/3-4.7 UF/10 / -0513 21 -1 8 12 / hill in 1 UFD/35 - 108/3 2 10/35 - 45/3-- 25 · 10F0/1001 - BV2B1044- IMB C4 -.001/100 - 3412BX102K 05 C6 - 10FD/350 - 6513







11-34.0000

22/45 = 5 /52/ 50 80



6 - 12 - 18 .600 - 867 - 1.171 +55°C .672 - .960 - 1.291 -75°C .703 - 1.01 - 1.331 -5°C

.565 - .825 - 1.104

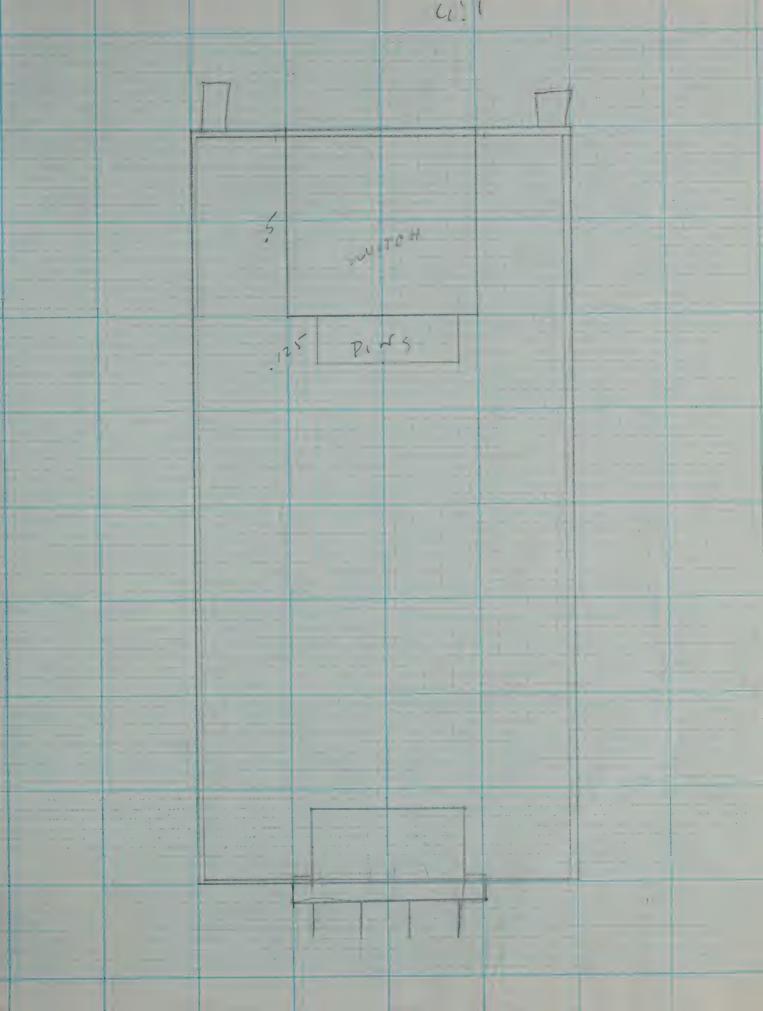


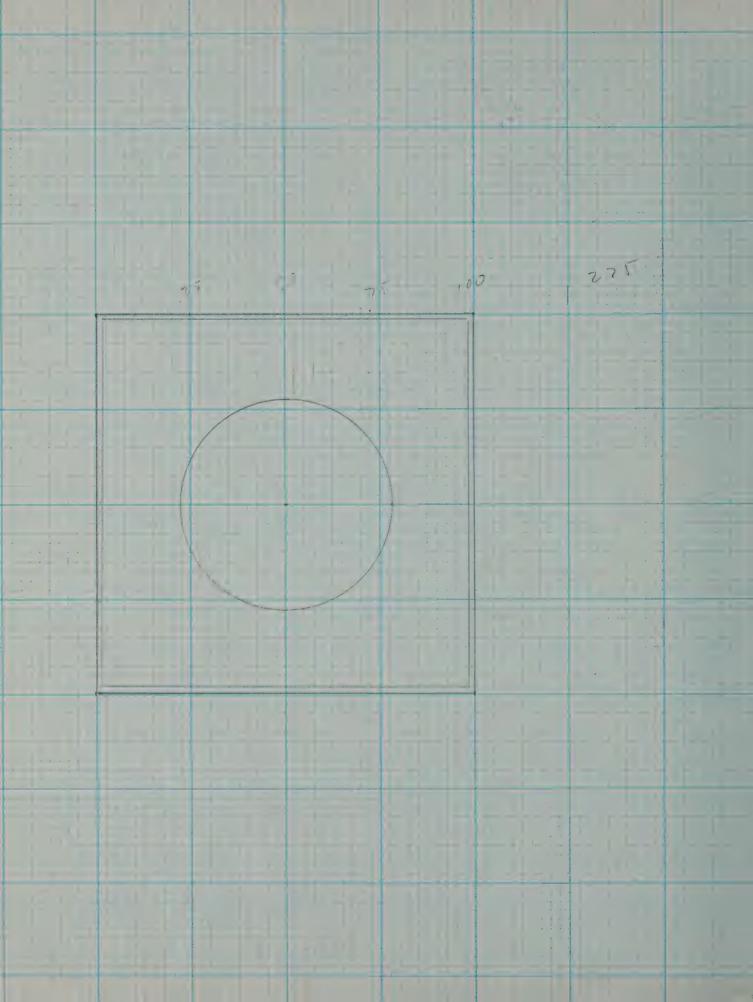
10.3467 +11 = / L-7 / L 21.07 = 8 21,000 = 10 M = 7.6 1/0-3 5,7573 MS 7265 170,66 07

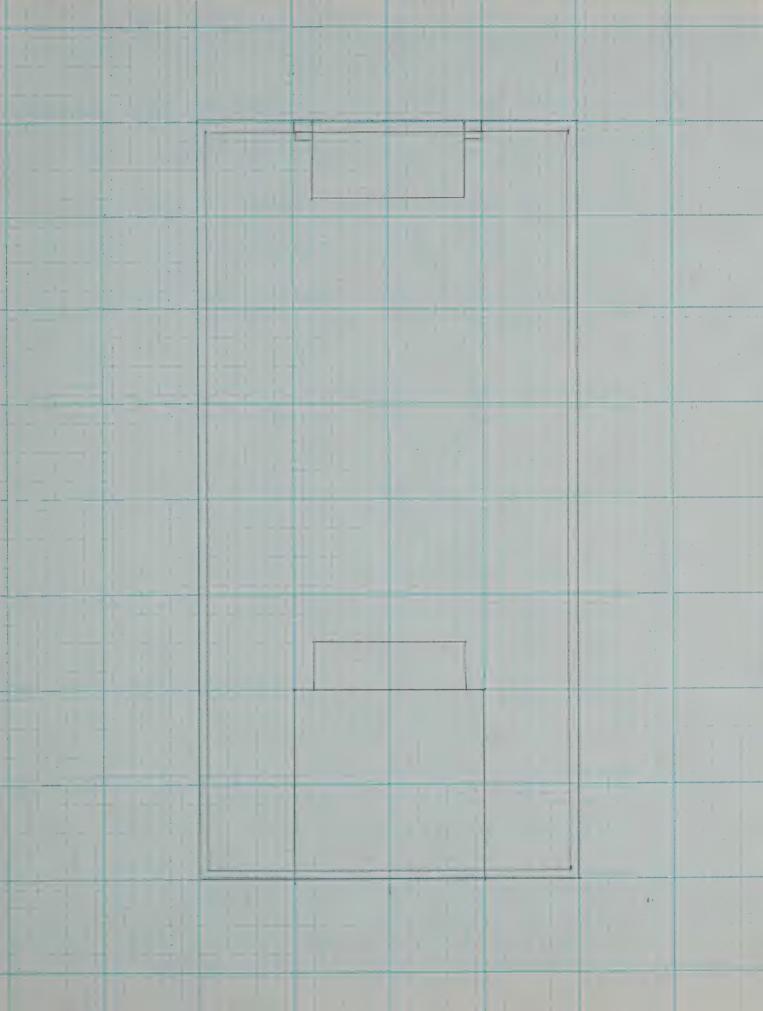


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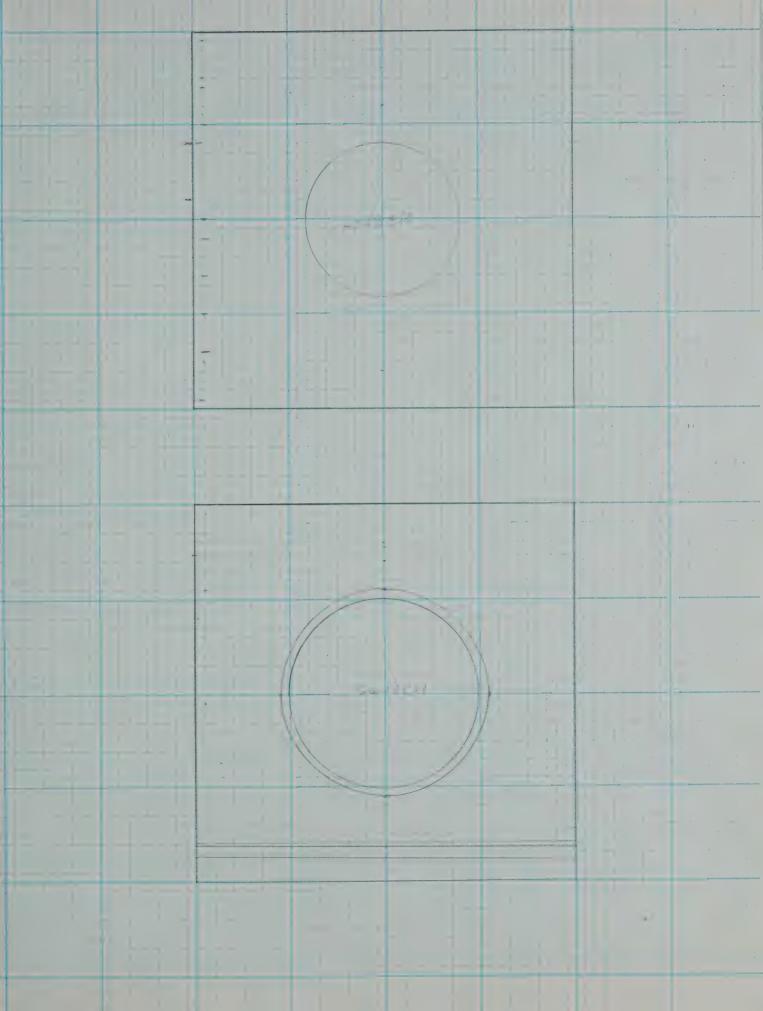














ALTERNATE KEY TOCATION WHEN HEADER

(CRES)

TEST

+SUDC START 600 M.C.

ZERO INDICATOR 500 M.C.

+SUDC RESET 4 3 COMMON

+SUDC RESET 4 3 +600 COUPUT

SWITCH POSITION

SWITCH POSITION

INDICATOR MARK
REF

DETAIL A SCALE: NONE

OUTSIDE PRODUCTION

SOURCE CONTROL DRAWING

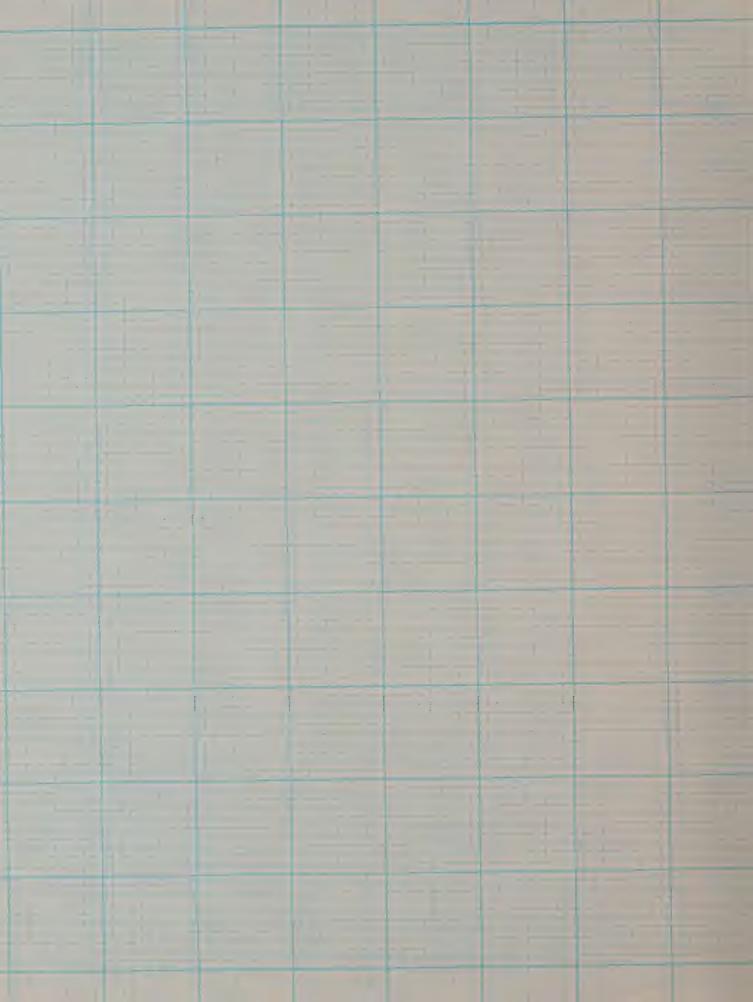
NORTHROP-VEHTURA BIV. Newbury Park, California \$1320

NAVAL ORDNANCE SYSTEMS :: COMMAND WASHINGTON, D. C. 20366

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES PREPARED IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-1000 CLASSIFICATION OF CHARACTERISTICS (WR-43A) CRITICAL - NONE

MAJOR .

RELAY, TIME DELAY, ELECTRONIE	SIZE CODE IDENT NO. MAYORO DANG. NO. SCALE MAYOR SCALE
ON THACK IN THE DRAWING CHECK THE STANDING CHECK TH	APPROVED FOR NOSC
TOLEGANCES. FRACTIONS # CONTACT NO. ANGLES #	
	28/97/2 282/033 NEXT ASSY USED ON APPLICATION



SEE NOTE 7 OF 0.10 AMPERES CONTINUOUS. F. THE TIMED INTERVAL SHALL BEGIN WITH THE APPLICATION OF A +5 t 0.5 VDC SIGNAL AT 1.0 ma MAX. FOR A MINIMUM OF 5 MILLISECONDS TO CONNECTOR PIN 6. -,062 +.003 DIA HOLE
IN CYLINDRICAL NUT
(AT \$ HR POSITION ONLY)
SEE NOTE 2B
SEE DETAIL A G. POWER FOR THE TIMER SHALL BE PROVIDED THROUGH THE CONNECTOR. PIN 8 WILL BE THE POSITIVE TERMINAL AND PIN & THE NEGATIVE TERMINAL.

THE NEGATIVE TERMINAL SHALL HAVE A COMMON D.C. REFERENCE TO THE TIMED OUTPUT, ZERO INDICATOR, START, AND RESET SIGNALS. H. THE CURRENT DRAIN OF THE TIMER SHALL NOT EXCEED 1.0 ma. DURING THE TIME IT IS SET TO ZERO OR DURING THE TIMING INTERVAL AND NOT EXCEED 50 ma PLUS LOAD CURRENT WHEN TIMED OUT. 093 HEX SOCKET FOR TIME SWITCH POSITION SELECTOR SEE NOTE 2B SEE DETAIL A I. THE TIMER OPERATION SHALL NOT BE DEGRADED BY TRANSEINTS OF 0.5Y AND
10 X 10-3 SEC. DURATION ON THE POWER SUPPLY CONNECTIONS.
J. HEADER PINT TO BE USED AS A TEST POINT TO ALLOW ACCELERATED CHECK OFUNIT BY INSERTING AN EXTERNAL SIGNAL -2.000 ±.015 -.343 3. MECHANICAL AND PHYSICAL REQUIREMENTS: A. THE TIMER SHALL WEIGH LESS THAN FOUR (4) OUNCES. -500 B. THE TIMER SHALL BE ENVIRONMENTALLY SEALED. C. SOLDER HOOK TERMINALS SHALL BE PROVIDED FOR ELECTRICAL INTERFACE CONNECTIONS TO THE TIMER.

> TEST -+SUDC START - 73 +6VDC UNREGULATED
>
> ZERO INDICATOR 50 0 | N.C.
>
> +SUDC RESET 5 0 2 COMMON L+6VOC OUTPUT

LOCATION WHEN HEADER



PREPARED IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-1000

SOURCE CONTROL DRAWING

CLASSIFICATION OF CHARACTERISTICS (WR-43A MAJOR - - }

NORTHROP-VENTURA BIV. PLACE DECIMALS ± + 0/0 CHECK M gelle 8-10-72
Q4. A. Martin 8-10-92
PROJECT ONALIZAMPROGRAM
APPROVED FOR NOSC 2819712 | DL 2821033

- SWITCH POSITION INDICATOR MARK (ROTATES WITH SWITCH), TIME INCREASES WITH CLOCKWISE ROTATION SEE NOTE 2B SEE DETAIL A

SWITCH POSITION MARKS.

O PLACES AT 30° SPACING

SEE NOTE 2B

SEE DETAIL D

NAVAL ORDNANCE SYSTEMS COMMAND RELAY, TIME DELAY, ELECTRONIE

28 9654 E 10001

H

D. ZERO INDICATOR OUTPUT SHALL BE EQUAL TO THE POWER SUPPLY VOLTAGE PLUS ZERO MINUS 0.5 VDC. IT SHALL BE CAPABLE OF SUPPLYING 30 MAZ MAX. CURRENT AND BE PRESENT ONLY WHEN THE RESET SIGNAL IS PRESENT.

E. THE OUTPUT SIGNAL AT CONNECTOR PIN 3 SHALL BE 0.0 *0.5 BEFORE THE PRESENT TIMED INTERVAL AND EQUAL TO THE POWER SUPPLY VOLTAGE PLUS ZERO MINUS 0.5 VDC AFTER THE TIMED INTERVAL. IT SHALL BE CAPABLE

4. ENVIRONMENTAL REQUIREMENTS:

A NON OPERATING TEMPERATURE: - 65°F TO + 150° F.

B. OPERATING TEMPERATURE: + 20°F TO + 130°F.

C. SHOCK: 60 9 - 10 ms.

D. VIBRATION: 5.5 Hz TO 500 Hz AT 1.3 g PEAK.

E. HUMIDITY: 10 TO 95 % RELATIVE HUMIDITY.

5. TEST REQUIREMENTS:

D

C

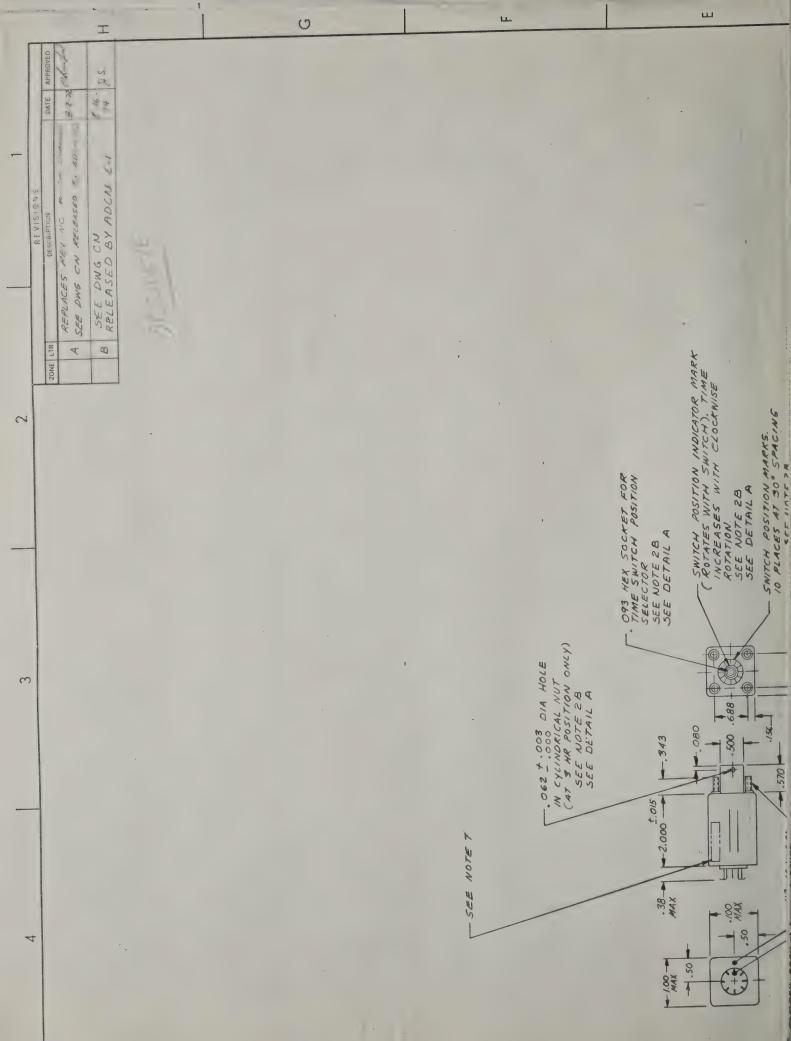
A. AN END ITEM TEST PROCEDURE SHALL BE PREPARED AND SUBMITTED TO BUYER AT LEAST 30 DAYS PRIOR TO DELIVERY OF FIRST ARTICLE. THIS TEST PROCEDURE SHALL BE DESIGNED TO PROVE ELECTRICAL PERFORMANCE OF TIMER TO BE IN ACCORDANCE WITH THIS DOCUMENT.

B. EACH END ITEM SHALL BE TESTED TO ABOVE TEST PROCEDURE BY VENDOR BEFORE DELIVERY. DATA FROM THESE TESTS SHALL ACCOMPANY EACH ARTICLE. BUYER MAY WITNESS THESE TESTS AT HIS OPTION.

6. ONLY THE ITEM DESCRIBED ON THIS DRAWING WHEN PROCURED FROM THE VENDOR(S) LISTED HERE IS APPROVED FOR USE IN THE APPLICATION(S) SPECIFIED HEREON. A SUBSTITUTE ITEM SHALL NOT BE USED WITHOUT PRIOR TESTING AND APPROVAL.

TO IDENTIFY BY RUBBER STAMPING 10001-2819654 IN .12 HIGH GOTHIC CHARACTERS USING INKTT-1-1795, TYPEI, BLACK . COVER WITH LACQUER TT-L-32, CLEAR . LOCATE APPROX AS SHOWN

APPROVED	SOURCE(S) O.	F SUPPLY
VENDOR	VENDOR'S ITEM IDENT NO.	APPLICATION
ELECTRO-MODULE, IME 2855 METROPOLITM PLACE. POMONA, CALIF. 9167 CODE 202NT. 34217	10881	MK 30 MOP 1
PARKO ELECTRONICS CO. INC. 1540 SOUTH LYON SANTA ANA, CA 92705 CODE IDENT /3979	101076	MK30 MODI



DWG NO.	2819654	B
		DWG

NOTICE OF REVISION (NOR) (SEE MIL-STD-480 FOR INSTRUCTIONS)

This revision described below has been authorized for the document listed.

IUIR LEATRICK descriped perch and perchange			
ORIGINATOR NAME AND ADDRESS NORTHROP CORPORATION, VENTURA DIV.		MFR. CODE	NOR. NO.
1515 RANCHO CONEJO BOULEVARD NEWBURY PARK, CALIFORNIA 91320	1-28-75	//646	
	3. MFR. CODE	4. DOCUMENT	NUMBER
2. TITLE OF DOCUMENT	10001	281	7654
RELAY, TIME DELAY,	S. REVISION L	ETTER D	6. ECP NO.
ELECTRONIC	(CURRENT)	D D	
7. CONFIGURATION ITEM (OR SYSTEM) TO WHICH ECP APPLIES			
ASW MOBILE TARGET MK-30 MOD I			

8. DESCRIPTION OF REVISION

PRODUCTION RELEASE

VIOI TERU VIB oh as in

VIOI FREU VII8	on an	e	
	9. THIS SECTION FO	R GOVERNMENT USE ONLY	
A. CHECK ONE EXISTING DOCUMENT SUPPLEMENTED BY THIS NOR MAY BE USED IN MANUFACTURE.	REVISED DOCUMENT MUS MANUFACTURER MAY INC		AN OF WASTER DOCUMENT SNALL MAKE ABOVE THE AND FURNISH REVISED DOCUMENT TO:
B. ACTIVITY AUTHORIZED TO APPROVE CHANGE FOR GOVER	RNMENT	SIGNATURE AND TITLE	DATE
10. ACTIVITY ACCOMPLISHING REVISION		REVISION COMPLETED (SIGNATURE)	DATE
DD 1 DEC 60 1695		U.S. GOVERN	MENT PRINTING OFFICE: 1969 O - 332-002

SYSTEM ROUTE	SIGNATURE	DATE	SYSTEM ROUTE	SIGNATURE	DATE	PROJECT NO.
DRAFTSMAN	Q. Scharffer	1-28-75				1358
GROUP ENGR.	WK. Quel	1-28-75	CHANGE COORD.			SERIAL NOS. AFFECTED
CHECKER	R Butter	1-28-75	PROJECT	W.K. Quil	1-28-75	V1018 5485
STRESS			RELEASE GROUP	Headen	1-30-25	
	1					



DELIVERY NOTICE

FORM 31-97 (R.6-69)

(To be used for transmitting Blueprints, Drawings, etc.)

	PARKO ELECTRONICS CO INE 16722 MILLIKEN AUE IRVINE, Ca 92705	AS AN ACKNOWLEDGMENT OF RECEIPT OF DATA, SIGN AND RETURN (ORIGINAL) TO NORTHROP CORPORATION DIVISION
ATTENTION:	MIKE GRACE	ORGN. NO. 3610 ZONE ATTN. R. S. PERER
	The second secon	
QUANTITY		
1 cong	Notice of Redision B. Ke. 2819654	Pay, Time Dday, Electronic
	FOR YOUR Files - Po	A 59813
RECEIPT ACKNO	WLEDGED BY	DATE

COPIES: White - Original, Canary - Supplier, Pink - Follow-up.

Parkso Electronics to Inc



